

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H01K1/18 H01K1/16 H01K1/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/01601 A (KONINKL PHILIPS ELECTRONICS NV) 3 January 2002 (2002-01-03) cited in the application abstract page 2, line 21 – page 4, line 27; figures 7,4,5	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) & JP 8 335455 A (USHIO INC), 17 December 1996 (1996-12-17) abstract; figures	1,5
P, A	WO 03/060953 A (KONINKL PHILIPS ELECTRONICS NV) 24 July 2003 (2003-07-24) abstract; figures 3-5	1,5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

25 August 2004

Date of mailing of the international search report

03/09/2004

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## INTERNATIONAL SEARCH REPORT

## Information on patent family members

onal Application No

IB2004/050951

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0201601	A	03-01-2002	US CN WO EP JP	6639364 B1 1383578 T 0201601 A1 1228524 A1 2004502278 T		28-10-2003 04-12-2002 03-01-2002 07-08-2002 22-01-2004
JP 8335455	A	17-12-1996		NONE		
WO 03060953	A	24-07-2003	US WO	2003122484 A1 03060953 A2		03-07-2003 24-07-2003